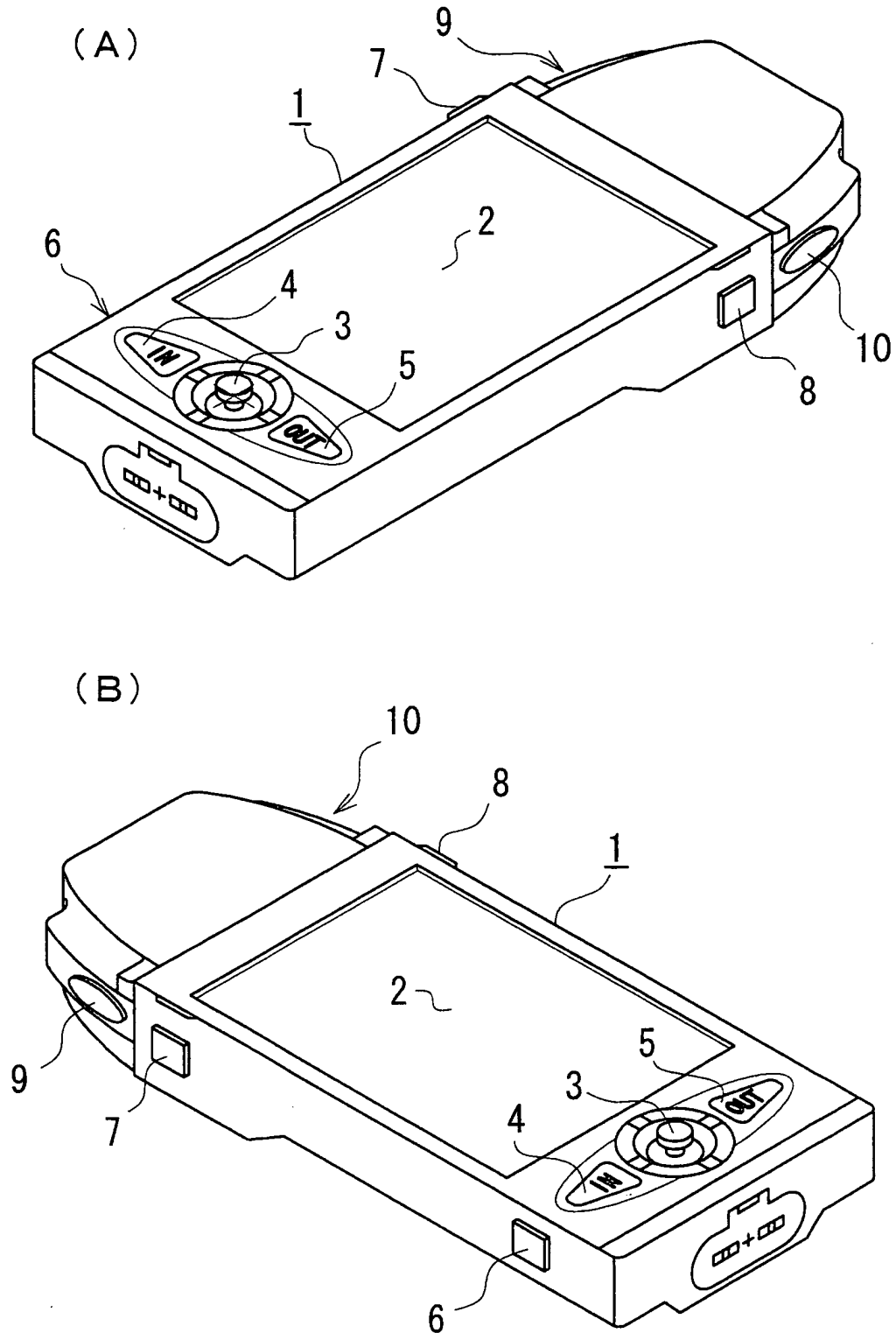
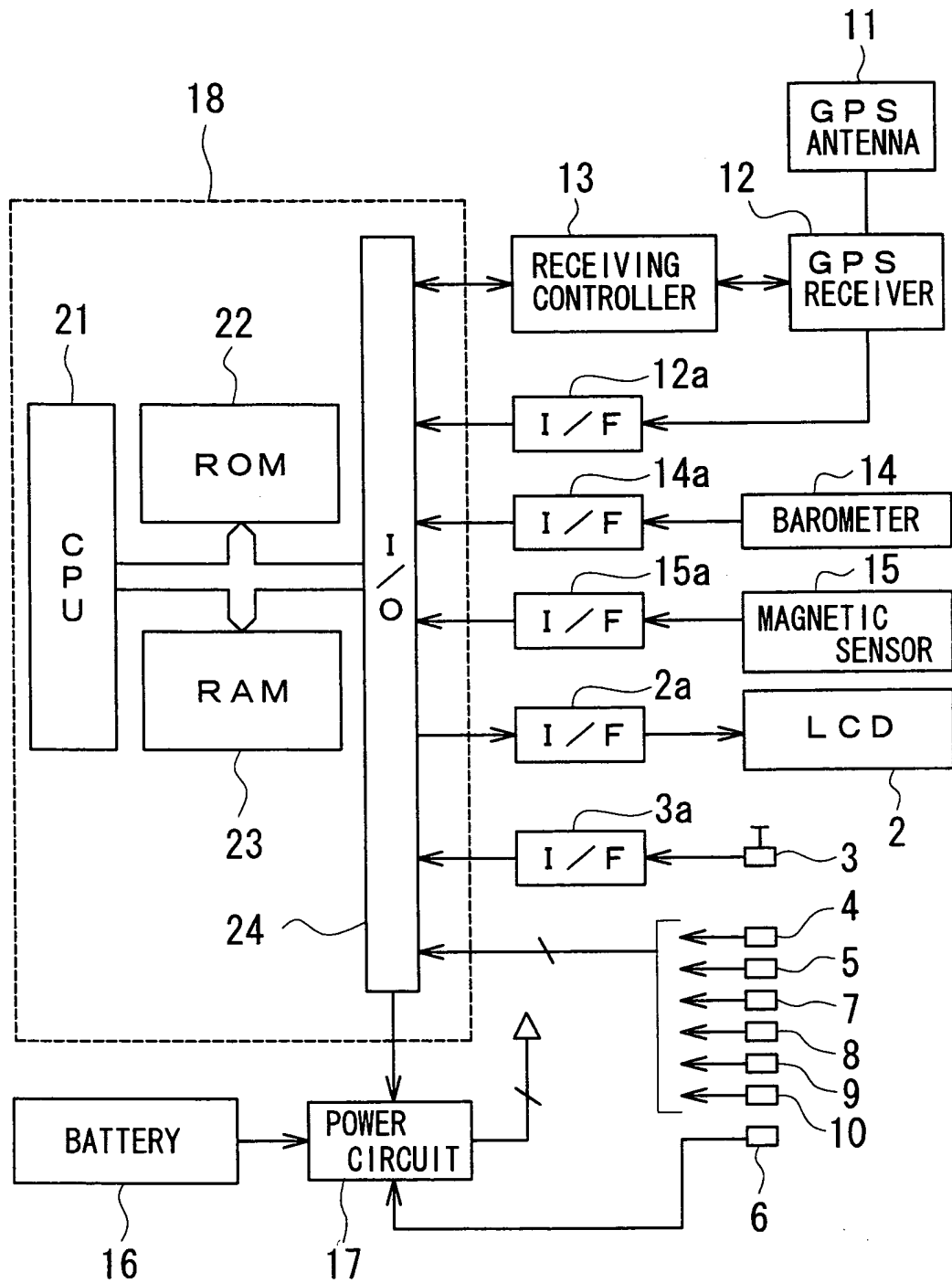


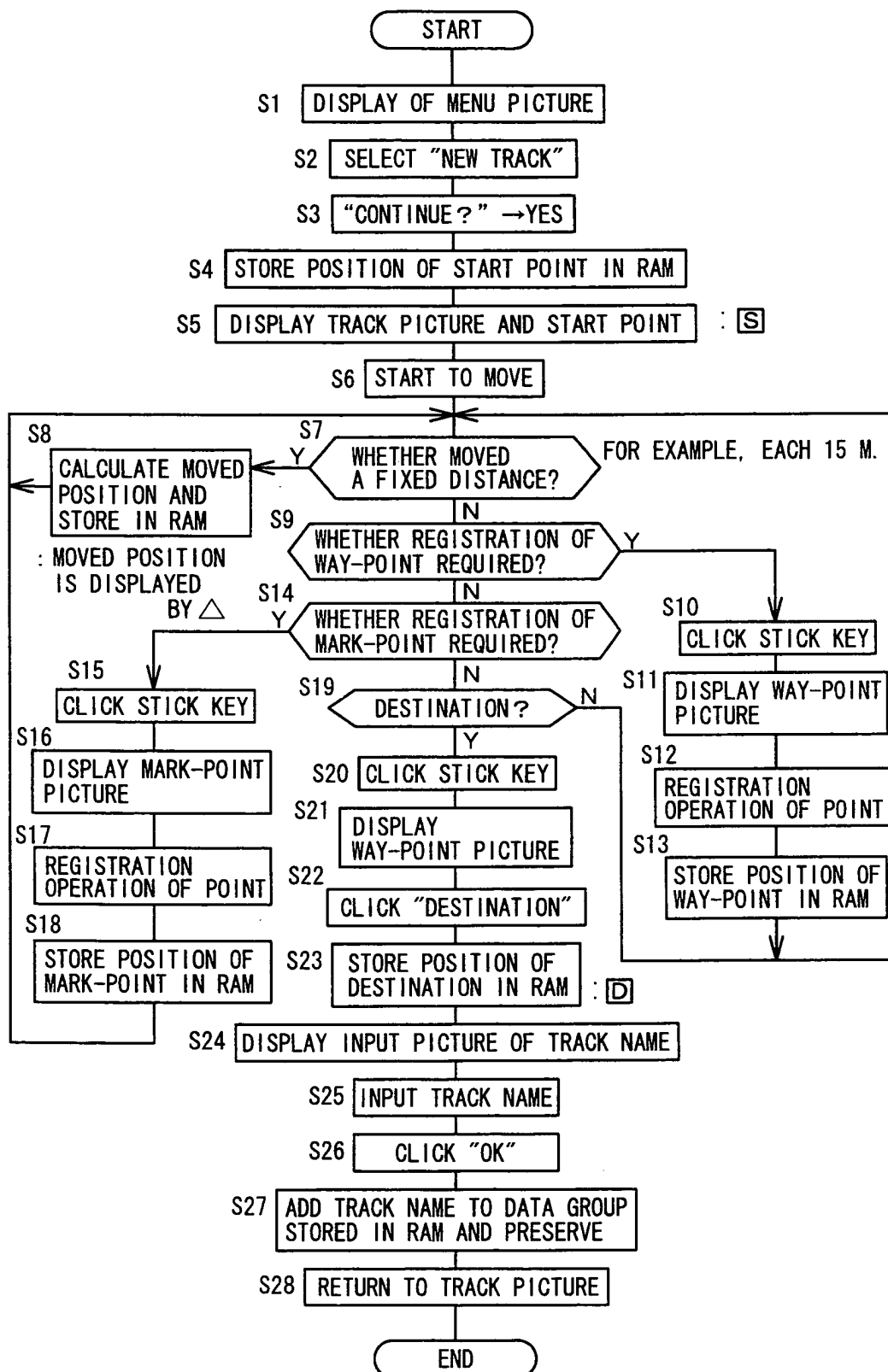
**FIG. 1**



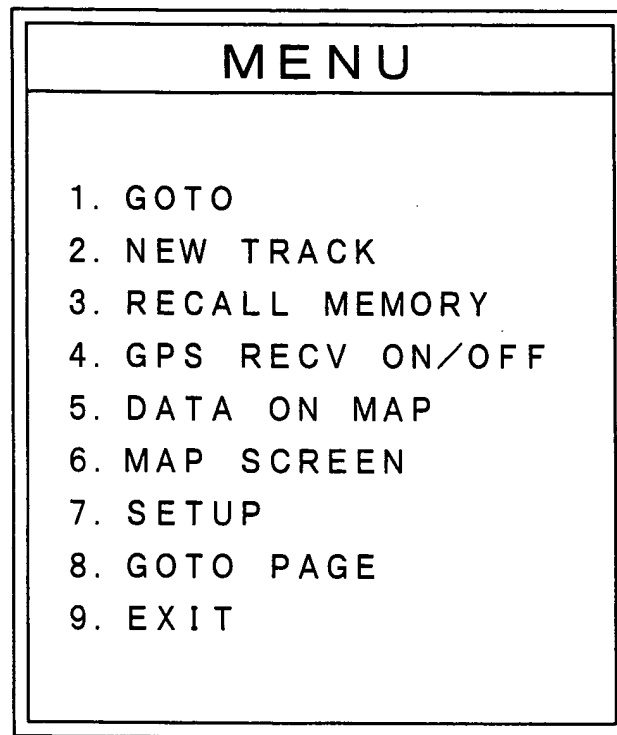
**FIG. 2**



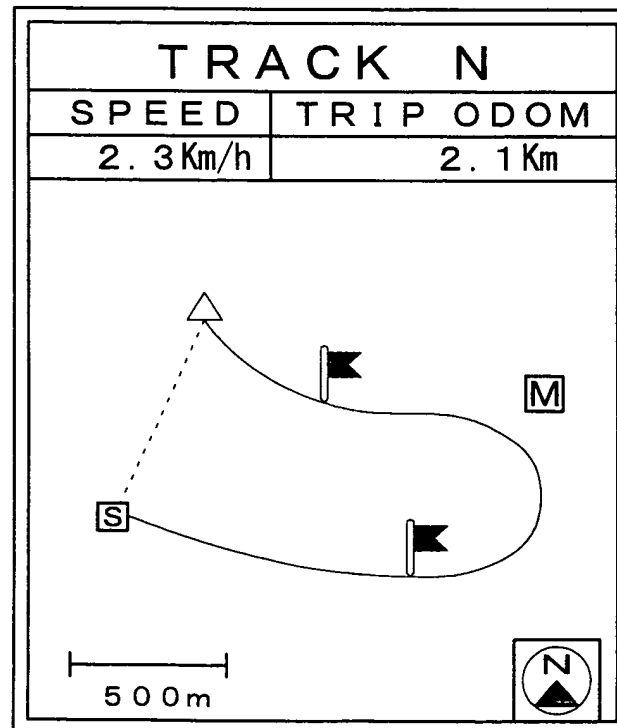
**FIG. 3**



**FIG. 4**



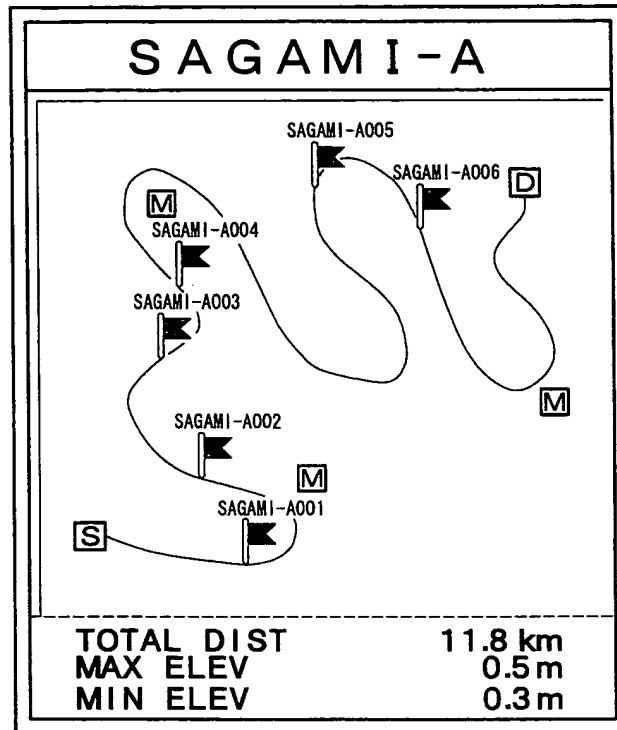
**FIG. 5**



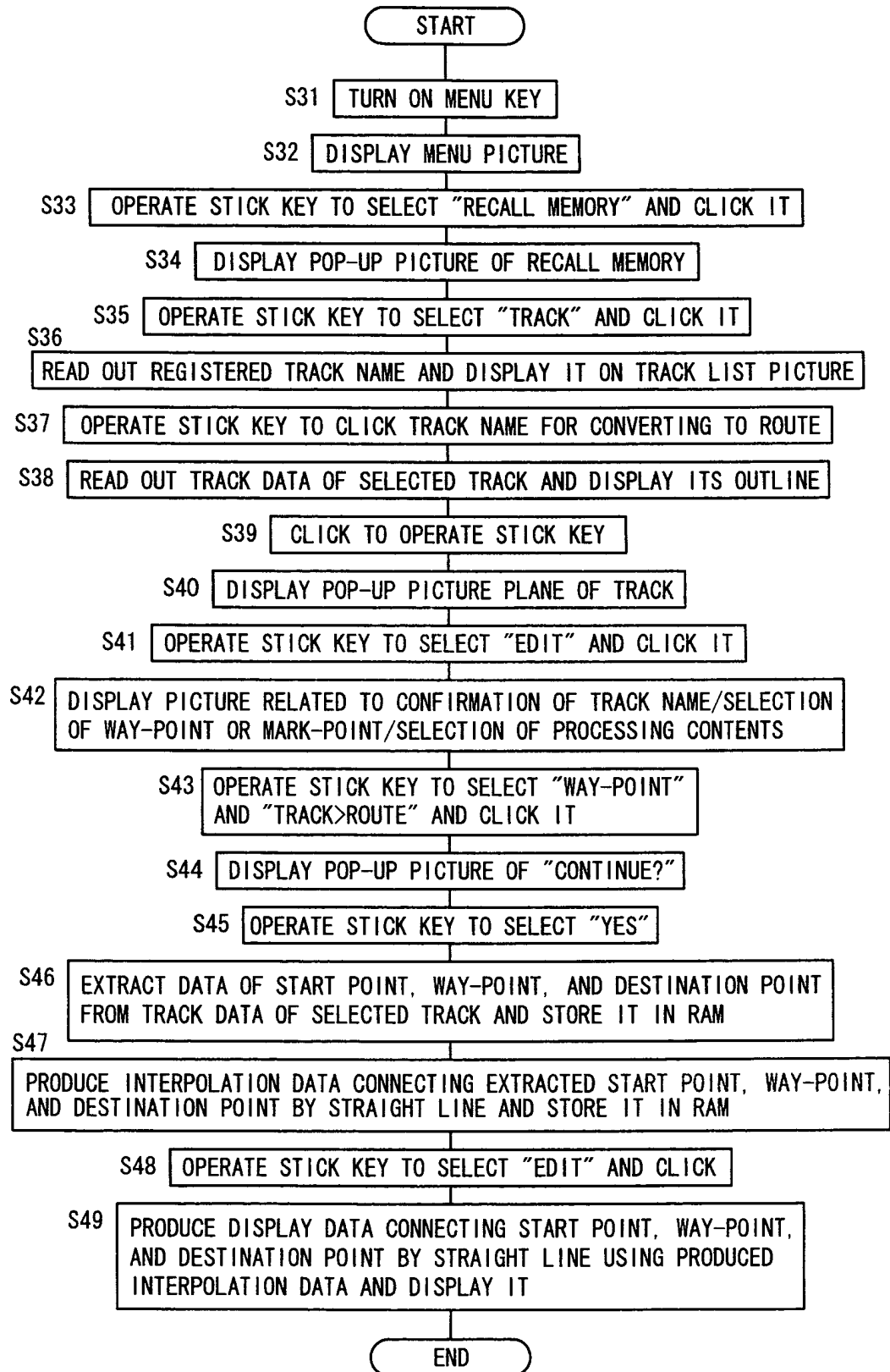
**FIG. 6**

NAME OF TRACK	SAGAMI-A			
NAME OF POINT	ICON	LATITUDE	LONGITUDE	ELEVATION
START	I-00	D <sub>S</sub> lat	D <sub>S</sub> lon	D <sub>S</sub> ele
TD00001		D <sub>lat</sub> 00001	D <sub>lon</sub> 00001	D <sub>ele</sub> 00001
TD00002		D <sub>lat</sub> 00002	D <sub>lon</sub> 00002	D <sub>ele</sub> 00002
TD00003		D <sub>lat</sub> 00003	D <sub>lon</sub> 00003	D <sub>ele</sub> 00003
⋮		⋮	⋮	⋮
TD00062		D <sub>lat</sub> 00062	D <sub>lon</sub> 00062	D <sub>ele</sub> 00062
WP001	I-11	D <sub>W</sub> lat001	D <sub>W</sub> lon001	D <sub>W</sub> ele001
TD00063		D <sub>lat</sub> 00063	D <sub>lon</sub> 00063	D <sub>ele</sub> 00063
⋮		⋮	⋮	⋮
TD00111		D <sub>lat</sub> 00111	D <sub>lon</sub> 00111	D <sub>ele</sub> 00111
MP001	I-10	D <sub>m</sub> lat001	D <sub>m</sub> lon001	D <sub>m</sub> ele001
TD00112		D <sub>lat</sub> 00112	D <sub>lon</sub> 00112	D <sub>ele</sub> 00112
⋮		⋮	⋮	⋮
TD00142		D <sub>lat</sub> 00142	D <sub>lon</sub> 00142	D <sub>ele</sub> 00142
WP002	I-11	D <sub>W</sub> lat002	D <sub>W</sub> lon002	D <sub>W</sub> ele002
TD00143		D <sub>lat</sub> 00143	D <sub>lon</sub> 00143	D <sub>ele</sub> 00143
⋮		⋮	⋮	⋮
TD00594		D <sub>lat</sub> 00594	D <sub>lon</sub> 00594	D <sub>ele</sub> 00594
WP006	I-11	D <sub>W</sub> lat006	D <sub>W</sub> lon006	D <sub>W</sub> ele006
TD00595		D <sub>lat</sub> 00595	D <sub>lon</sub> 00595	D <sub>ele</sub> 00595
⋮		⋮	⋮	⋮
TD00681		D <sub>lat</sub> 00681	D <sub>lon</sub> 00681	D <sub>ele</sub> 00681
MP003	I-10	D <sub>m</sub> lat003	D <sub>m</sub> lon003	D <sub>m</sub> ele003
TD00682		D <sub>lat</sub> 00682	D <sub>lon</sub> 00682	D <sub>ele</sub> 00682
⋮		⋮	⋮	⋮
TD00785		D <sub>lat</sub> 00785	D <sub>lon</sub> 00785	D <sub>ele</sub> 00785
TD00786		D <sub>lat</sub> 00786	D <sub>lon</sub> 00786	D <sub>ele</sub> 00786
DESTINATION	I-01	D <sub>d</sub> lat	D <sub>d</sub> lon	D <sub>d</sub> ele

**FIG. 7**



## FIG. 8



**FIG. 9**

(A)

RECALL MEMORY
TRACK
ROUTE
CREATE

(B)

TRACK
AKITA-A
BOSO-A
BOSO-B
IZU-A
IZU-B
IZU-C
SAGAMI-A
TOKYO BAY-A
TOKYO BAY-B
URAGA-B

(C)

TRACK
FORWARD
REVERSE
EDIT
EXIT

(D)

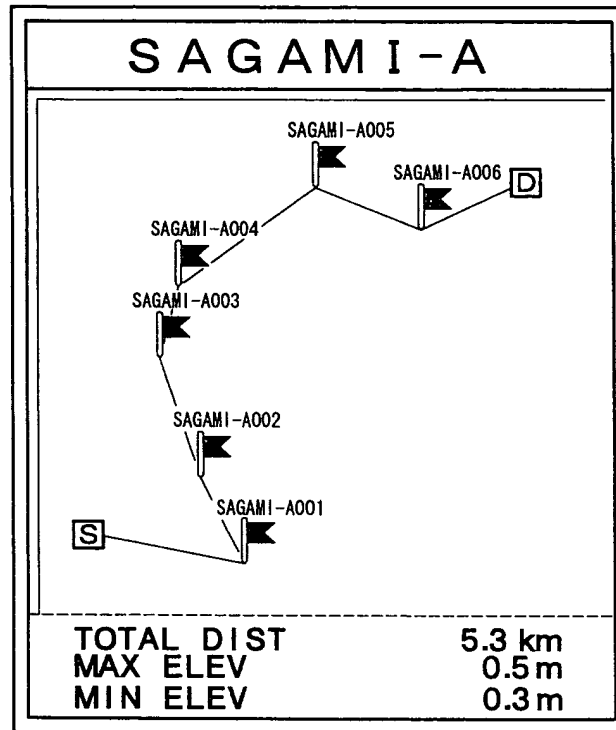
TRACK
NAME
SAGAMI-A
SELECT <input checked="" type="radio"/> WAY-POINT
<input type="radio"/> MARK-POINT
SELECT <input checked="" type="radio"/> TRACK>ROUTE
<input type="radio"/> DELETE
<input type="radio"/> EXIT
AVAIL 10USE



**FIG. 10**

NAME OF TRACK	SAGAMI-A			
NAME OF POINT	ICON	LATITUDE	LONGITUDE	ELEVATION
START	I-00	D <sub>Slat</sub>	D <sub>Slon</sub>	D <sub>Sle</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN START AND WP001)		
WP001	I-11	D <sub>Wlat001</sub>	D <sub>Wlon001</sub>	D <sub>Wle001</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP001 AND WP002)		
WP002	I-11	D <sub>Wlat002</sub>	D <sub>Wlon002</sub>	D <sub>Wle002</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP002 AND WP003)		
WP003	I-11	D <sub>Wlat003</sub>	D <sub>Wlon003</sub>	D <sub>Wle003</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP003 AND WP004)		
WP004	I-11	D <sub>Wlat004</sub>	D <sub>Wlon004</sub>	D <sub>Wle004</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP004 AND WP005)		
WP005	I-11	D <sub>Wlat005</sub>	D <sub>Wlon005</sub>	D <sub>Wle005</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP005 AND WP006)		
WP006	I-11	D <sub>Wlat006</sub>	D <sub>Wlon006</sub>	D <sub>Wle006</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP006 AND DESTINATION)		
DESTINATION	I-01	D <sub>dlat</sub>	D <sub>dlon</sub>	D <sub>dle</sub>

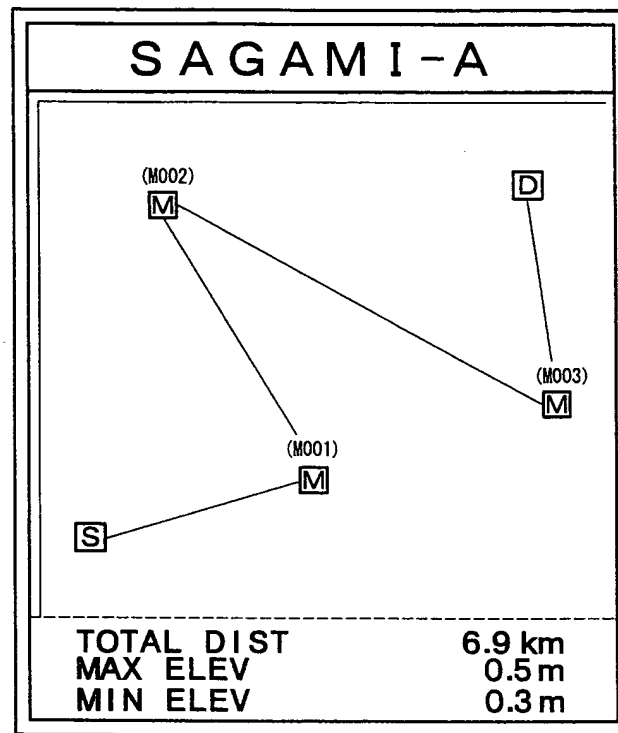
**FIG. 11**



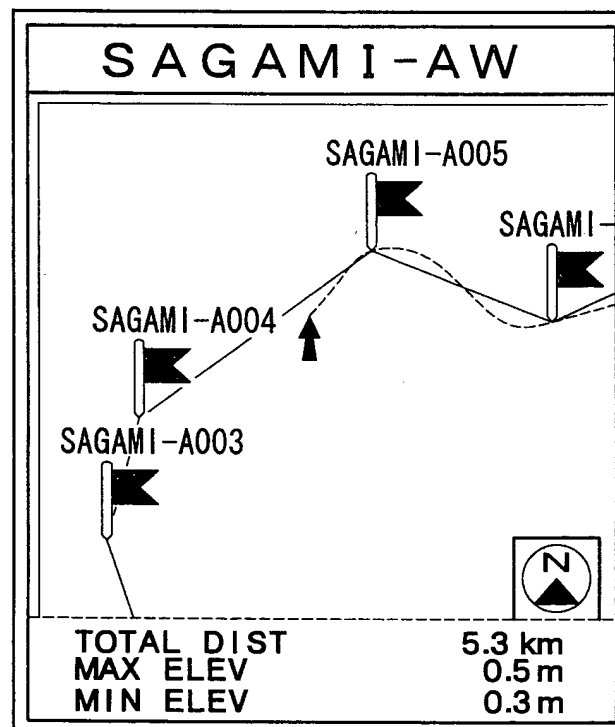
**FIG. 12**

NAME OF TRACK	SAGAMI-A			
NAME OF POINT	ICON	LATITUDE	LONGITUDE	ELEVATION
START	I-00	D <sub>Slat</sub>	D <sub>Slon</sub>	D <sub>Sle</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN START AND MP001)		
MP001	I-10	D <sub>Mlat001</sub>	D <sub>Mlon001</sub>	D <sub>Mele001</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP001 AND MP002)		
MP002	I-10	D <sub>Mlat002</sub>	D <sub>Mlon002</sub>	D <sub>Mele002</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP002 AND MP003)		
MP003	I-10	D <sub>Mlat003</sub>	D <sub>Mlon003</sub>	D <sub>Mele003</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP003 AND DESTINATION)		
DESTINATION	I-01	D <sub>dlat</sub>	D <sub>dlon</sub>	D <sub>dle</sub>

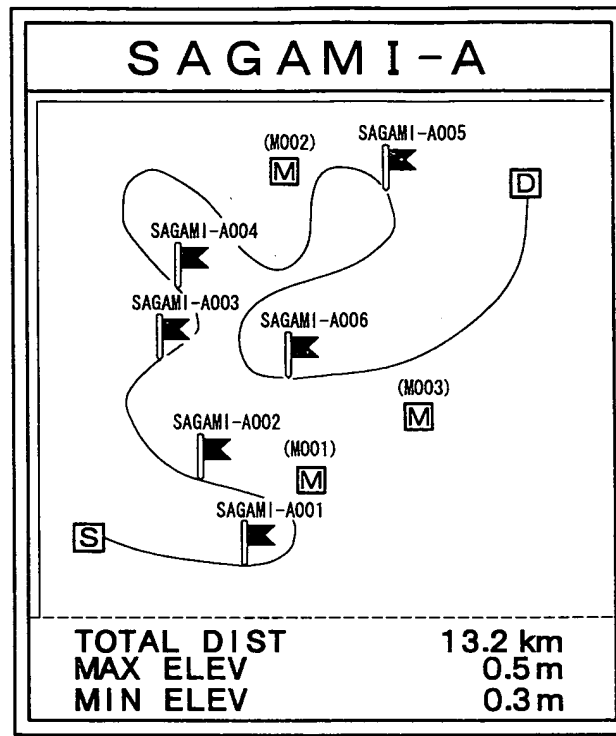
**FIG. 13**



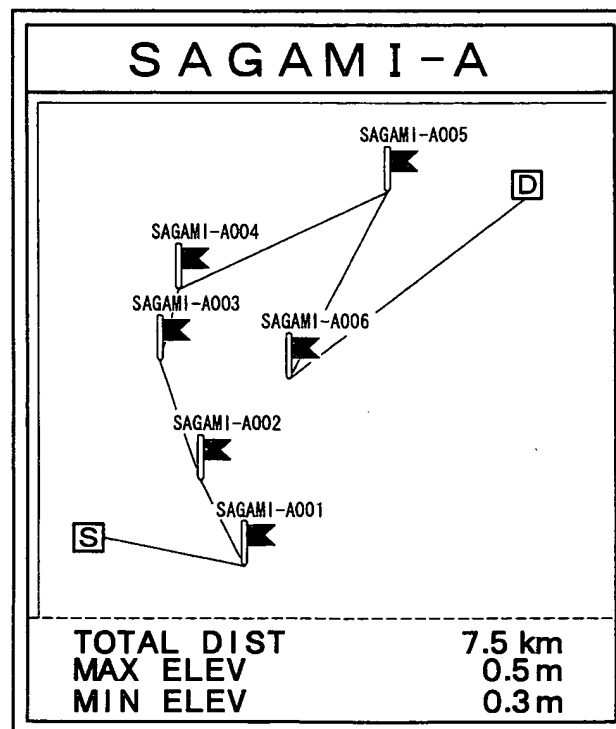
**FIG. 14**



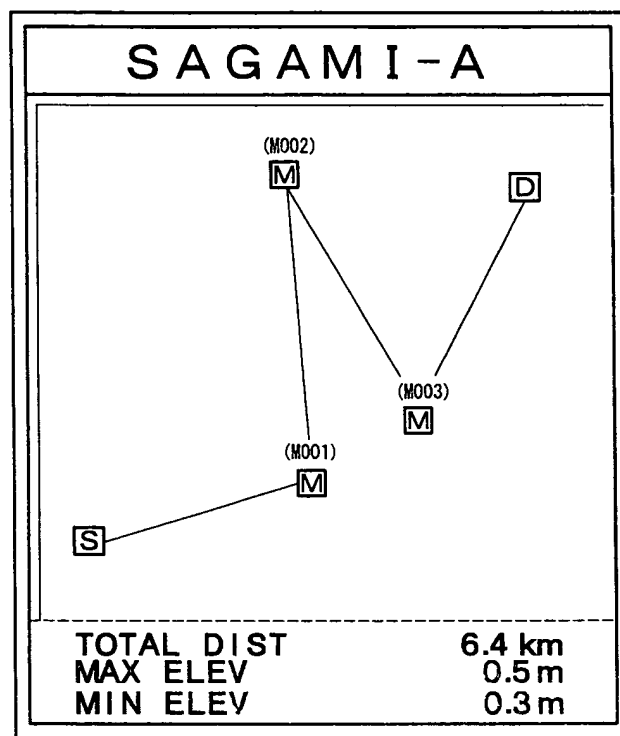
**FIG. 15**



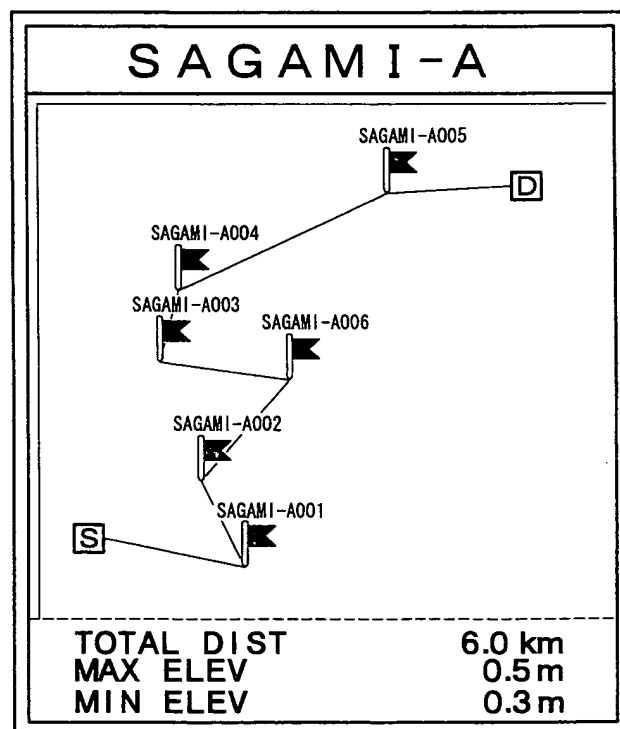
**FIG. 16**



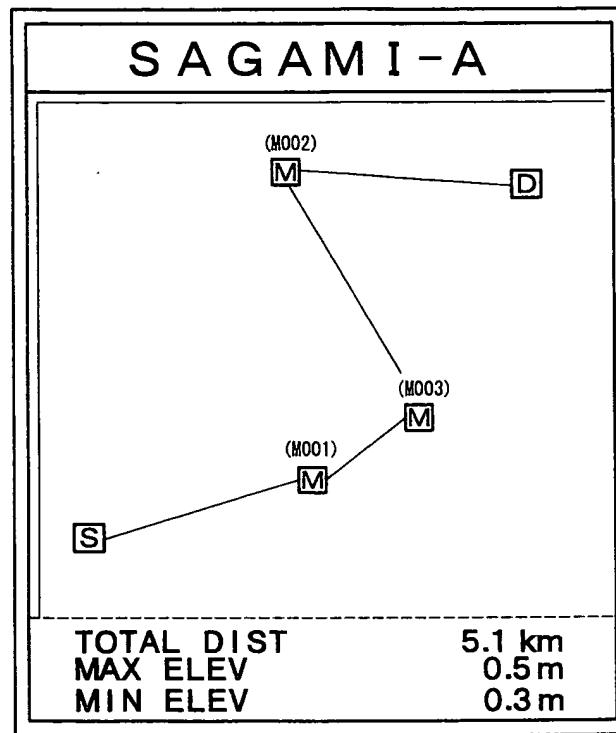
**FIG. 17**



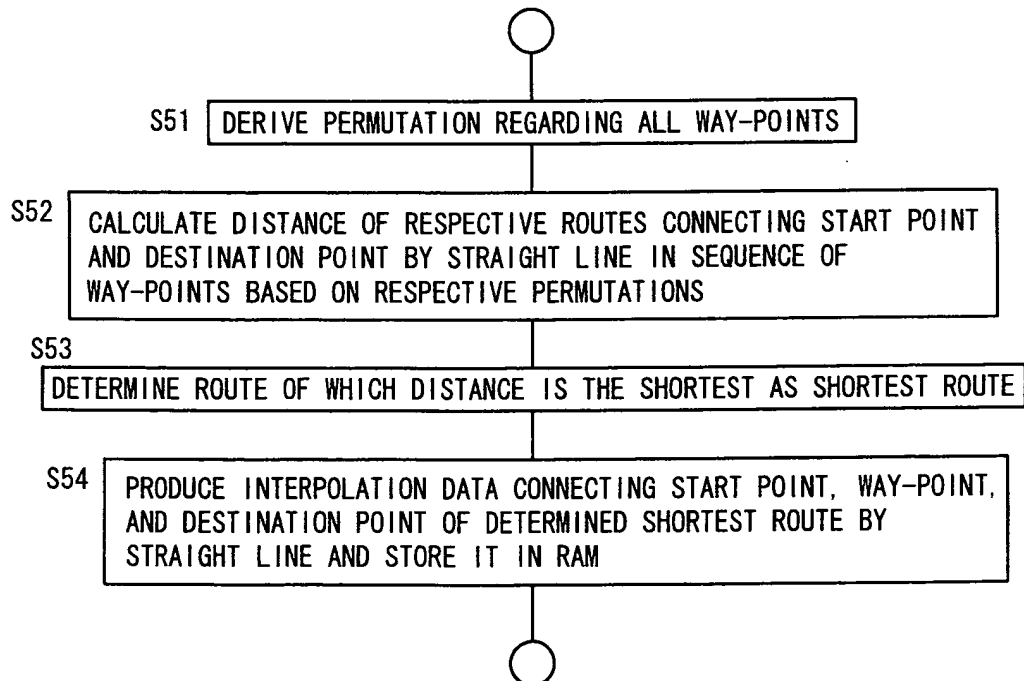
**FIG. 18**



**FIG. 19**



**FIG. 20**



**FIG. 21**

NAME OF TRACK	SAGAMI-A			
NAME OF POINT	ICON	LATITUDE	LONGITUDE	ELEVATION
START	I-00	D <sub>Slat</sub>	D <sub>Slon</sub>	D <sub>Sle</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN START AND WP001)		
WP001	I-11	D <sub>Wlat001</sub>	D <sub>Wlon001</sub>	D <sub>Wle001</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP001 AND WP002)		
WP002	I-11	D <sub>Wlat002</sub>	D <sub>Wlon002</sub>	D <sub>Wle002</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP002 AND WP006)		
WP006	I-11	D <sub>Wlat006</sub>	D <sub>Wlon006</sub>	D <sub>Wle006</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP006 AND WP003)		
WP003	I-11	D <sub>Wlat003</sub>	D <sub>Wlon003</sub>	D <sub>Wle003</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP003 AND WP004)		
WP004	I-11	D <sub>Wlat004</sub>	D <sub>Wlon004</sub>	D <sub>Wle004</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP004 AND WP005)		
WP005	I-11	D <sub>Wlat005</sub>	D <sub>Wlon005</sub>	D <sub>Wle005</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN WP005 AND DESTINATION)		
DESTINATION	I-01	D <sub>dlat</sub>	D <sub>dlon</sub>	D <sub>dle</sub>

**FIG. 22**

NAME OF TRACK	SAGAMI-A			
NAME OF POINT	ICON	LATITUDE	LONGITUDE	ELEVATION
START	I-00	D <sub>Slat</sub>	D <sub>Slon</sub>	D <sub>Sele</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN START AND MP001)		
MP001	I-10	D <sub>Mlat001</sub>	D <sub>Mlon001</sub>	D <sub>Mle001</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP001 AND MP003)		
MP003	I-10	D <sub>Mlat003</sub>	D <sub>Mlon003</sub>	D <sub>Mle003</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP003 AND MP002)		
MP002	I-10	D <sub>Mlat002</sub>	D <sub>Mlon002</sub>	D <sub>Mle002</sub>
		(STRAIGHT LINE INTERPOLATION DATA BETWEEN MP002 AND DESTINATION)		
DESTINATION	I-01	D <sub>dlat</sub>	D <sub>dlon</sub>	D <sub>dle</sub>

**FIG. 23**

P O I N T
IZU-C005
IZU-CDES
SAGAMI-ASTA
SAGAMI-A001
SAGAMI-A002
SAGAMI-A003
SAGAMI-A004
SAGAMI-A005
SAGAMI-A006
SAGAMI-ADES
SAGAMI-AM001
SAGAMI-AM002
SAGAMI-AM003
TOKYO BAY-ASTA
TOKYO BAY-A001